DOCUMENT-IDENTIFIER: US 5703938 A
TITLE: Method of optimizing access trunk configurations and system
therefor

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DEPR:
With reference to FIG. 2, the interrelationship between the present invention
network access optimization modeling initiative (NAOMI) system and its
external
environment is shown. Specifically, the NAOMI system, designated 202, has
connected thereto a retriever system 204, which in turn is communicatively
connected to a number of databases. The first of these databases is a national
traffic analysis system (NTAS) database 206 which provides traffic statistics
to NAOMI system 202. The traffic statistics provided by NTAS database
206
includes call detail records that are generated each time a call is placed to
the wide area service provider or long distance carrier of the NAOMI system.
The primary use of these call detail records is for billing purposes. At a
predetermined time interval, for example every Monday morning, all of the
traffic statistics captured from the call detail records of calls placed
through the wide area service provider for the previous week are accumulated
and stored in the NTAS database 206 so that the wide area service provider
knows the amount of traffic that is being carried in each of its switches
across its trunks. Given that information, the wide area service provider is
able to determine the profile or pattern of traffic of each end office to which
calls are directed. Thus, the traffic statistics is one component that allows
the wide area service provider to determine the configuration of the
telecommunications network.